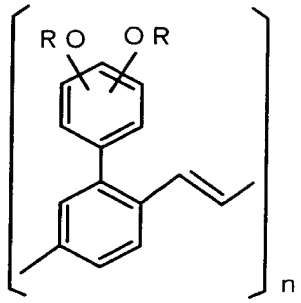
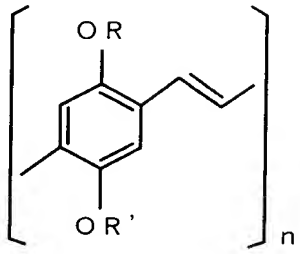
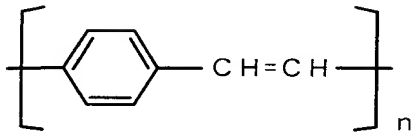
Chem. 1



Chem. 2



Chem. 3



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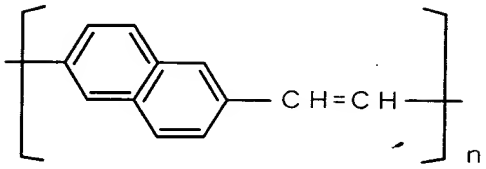
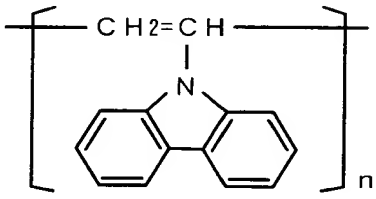


Chem. 5



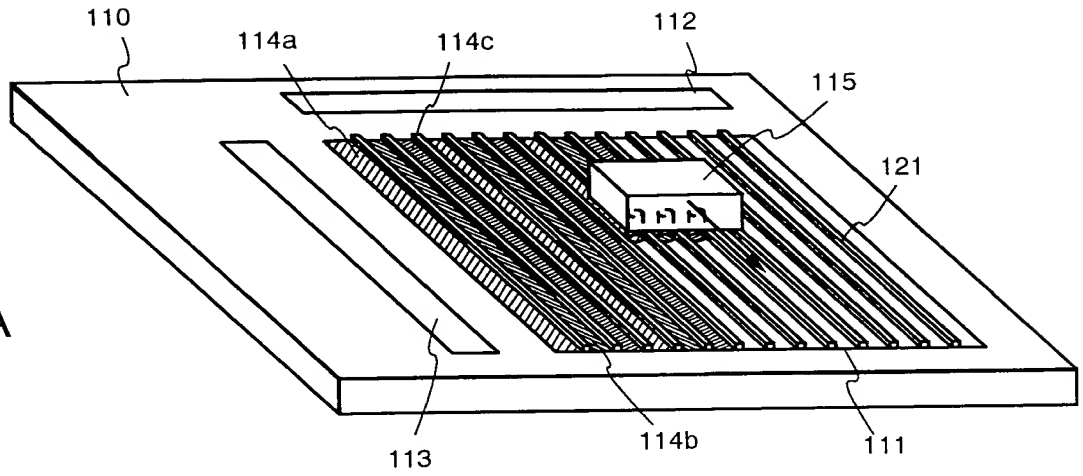


Fig. 1A

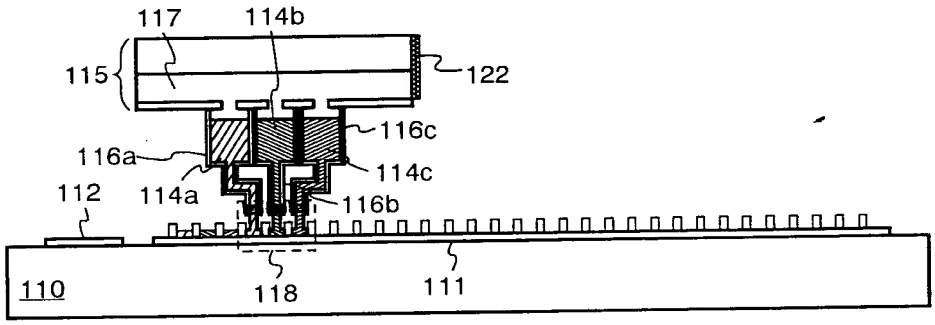


Fig. 1B

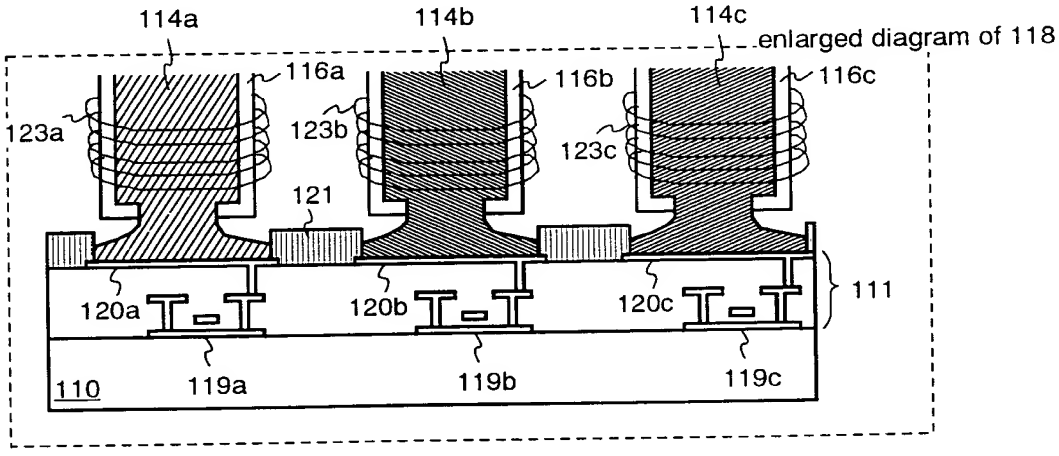
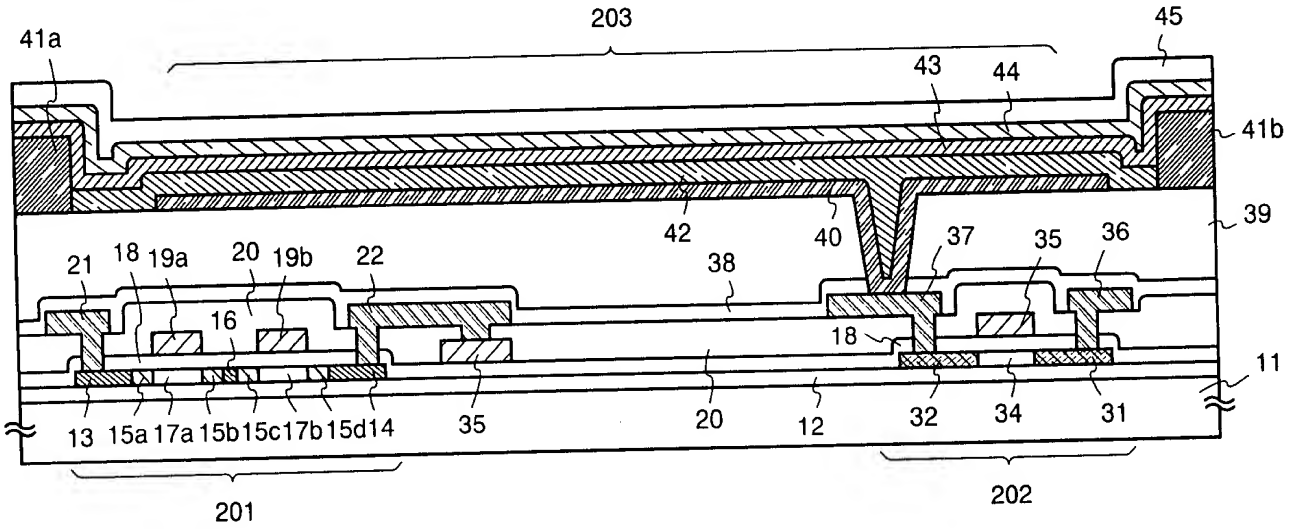
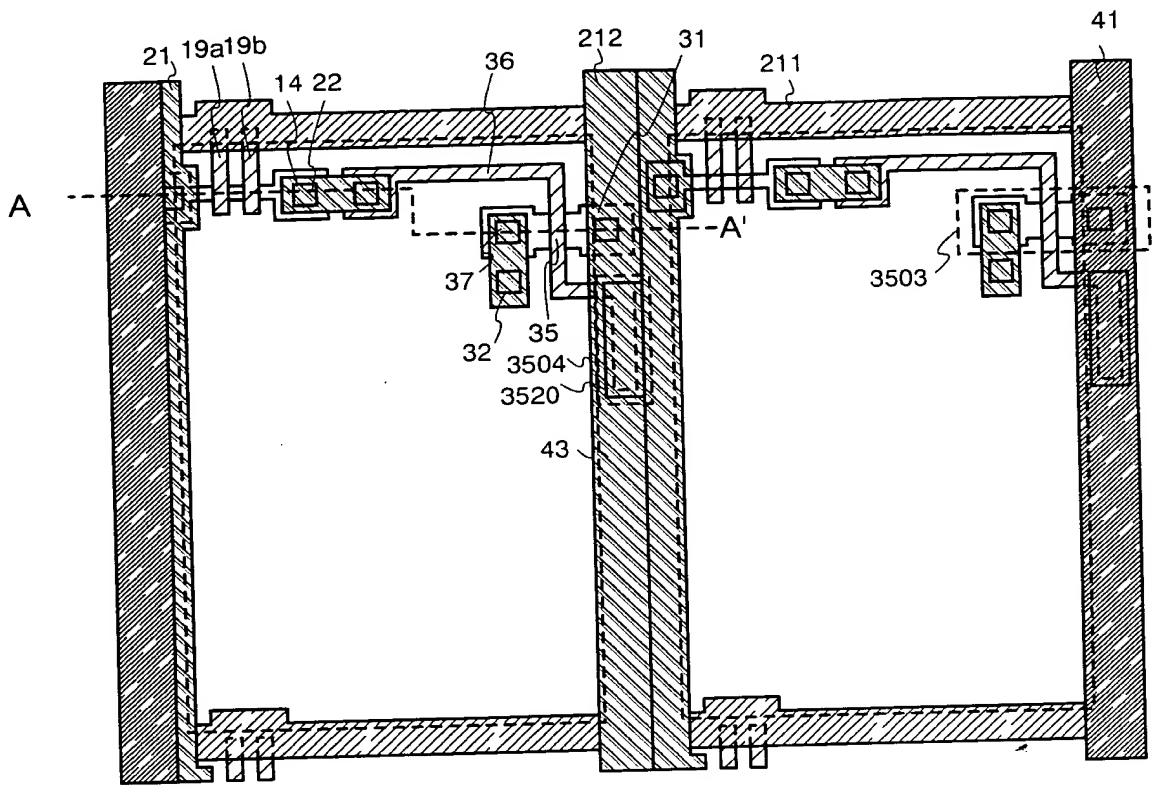


Fig. 1C



11:substrate 12:base film 13:source region 14:drain region 15a-15d:LDD region
16:high concentration impurity region 17a,17b:channel forming region 18:gate insulating film
19a,19b:gate electrode 20:first interlayer insulating film 21:source wiring 22:drain wiring
23:gate electrode 31:source region 32:drain region 34:channel forming region 35:gate electrode
36:source wiring 37:drain wiring 38:first passivation film 39:second interlayer insulating film
40:pixel electrode(anode) 41:bank 42:EL layer 43:cathode 44:protecting electrode
45:second passivation film

Fig. 2


21
19a
19b
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41
A
A'
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32
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3504
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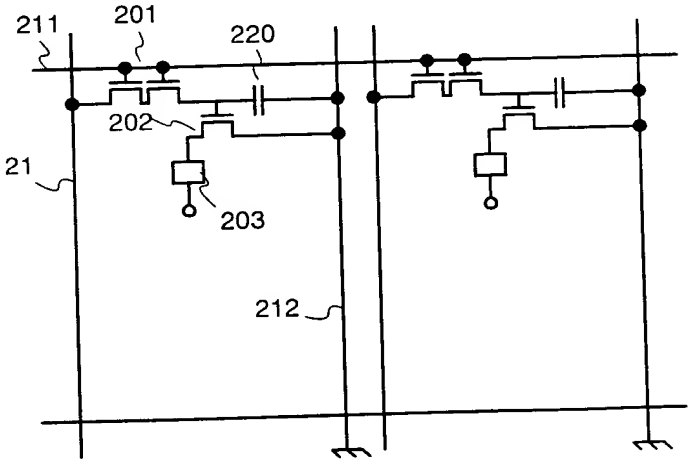
43
3503

Fig. 3A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212

Fig. 3B

Fig. 4A

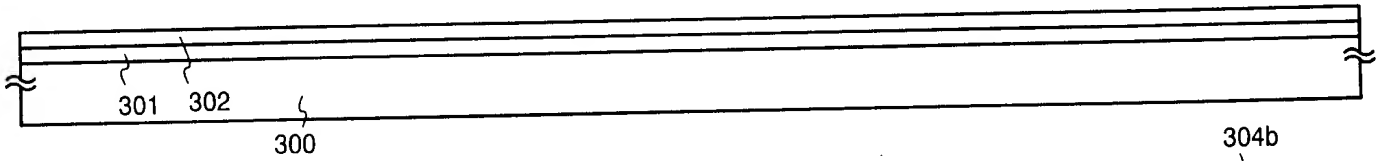


Fig. 4B

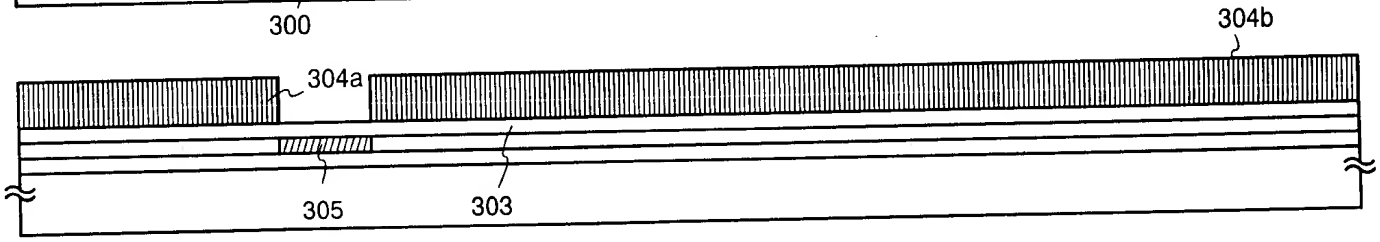


Fig. 4C

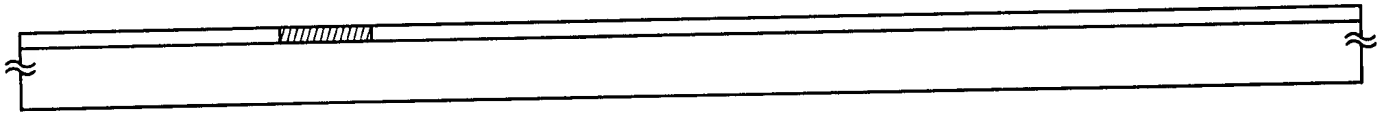


Fig. 4D

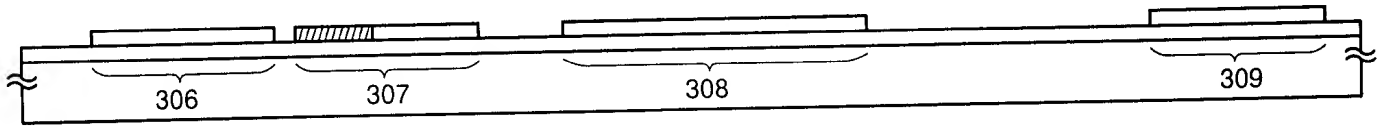
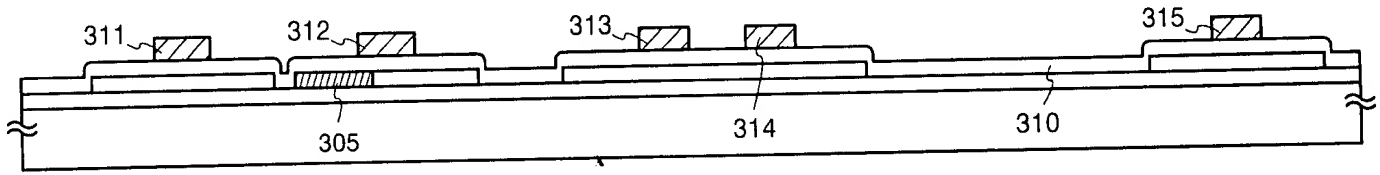


Fig. 4E



300:glass substrate 301:base film 302:polysilicon film 303:protecting film 304a,304b:resist mask
305:n-type impurity region 306-309:active layer 310:gate insulating film 311-315:gate electrode

Fig. 5A

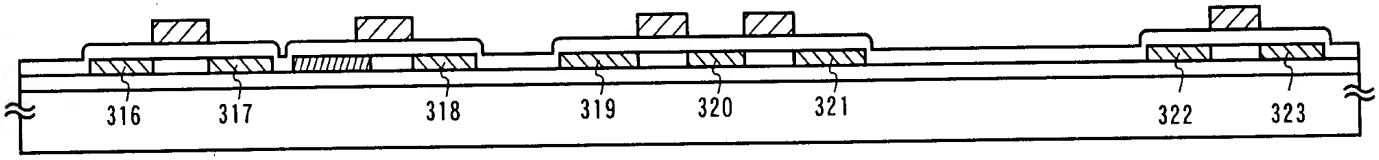


Fig. 5B

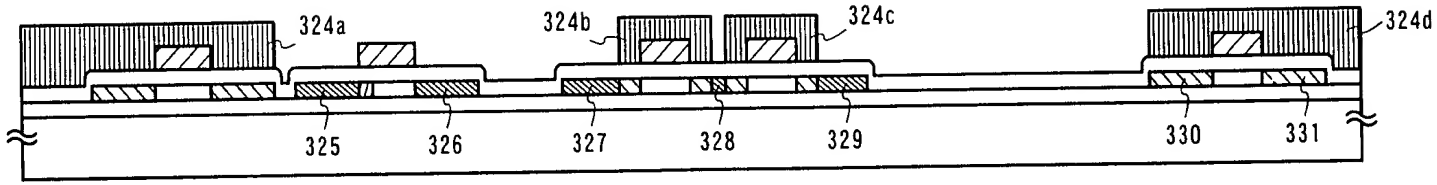


Fig. 5C

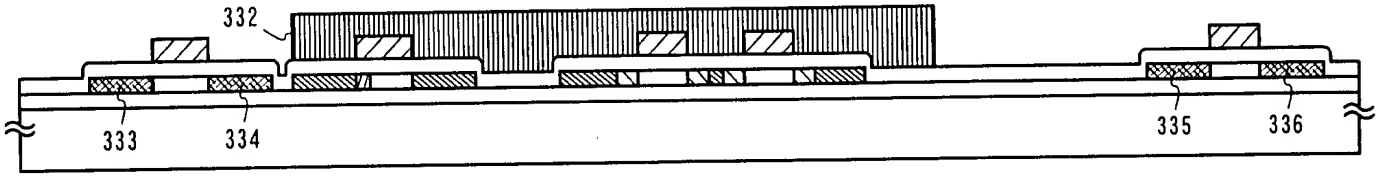
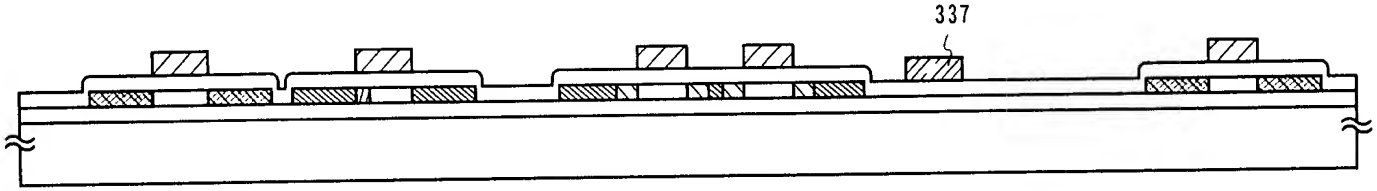


Fig. 5D



316-323:n-type impurity region(c) 324a-324d, 332:Resist Mask 325-329:n-type inpurity region(a)
333-336:p-type impurity region(a) 337:Gate Wiring

Fig. 6A

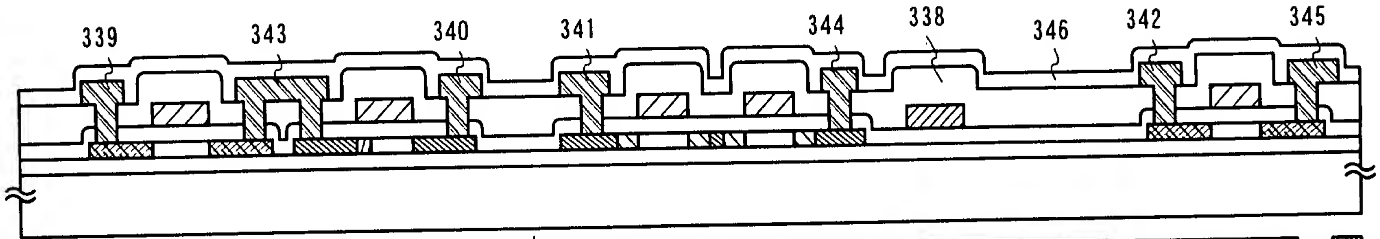


Fig. 6B

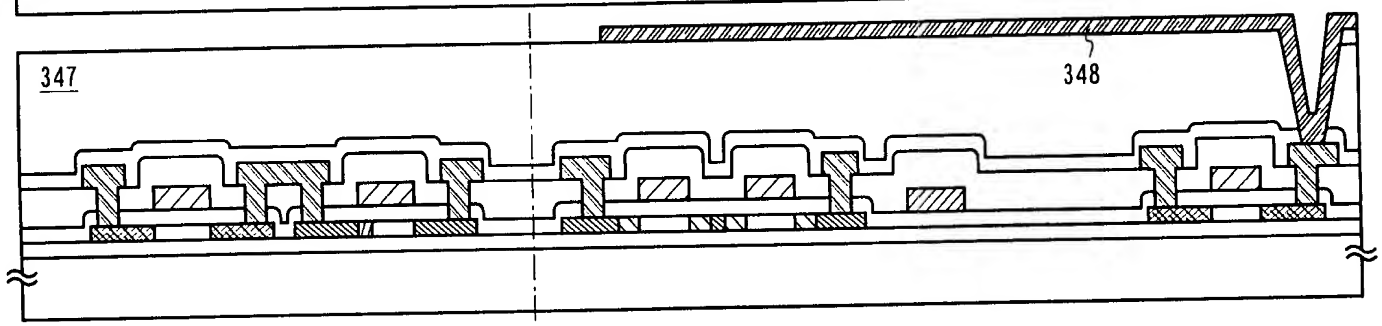
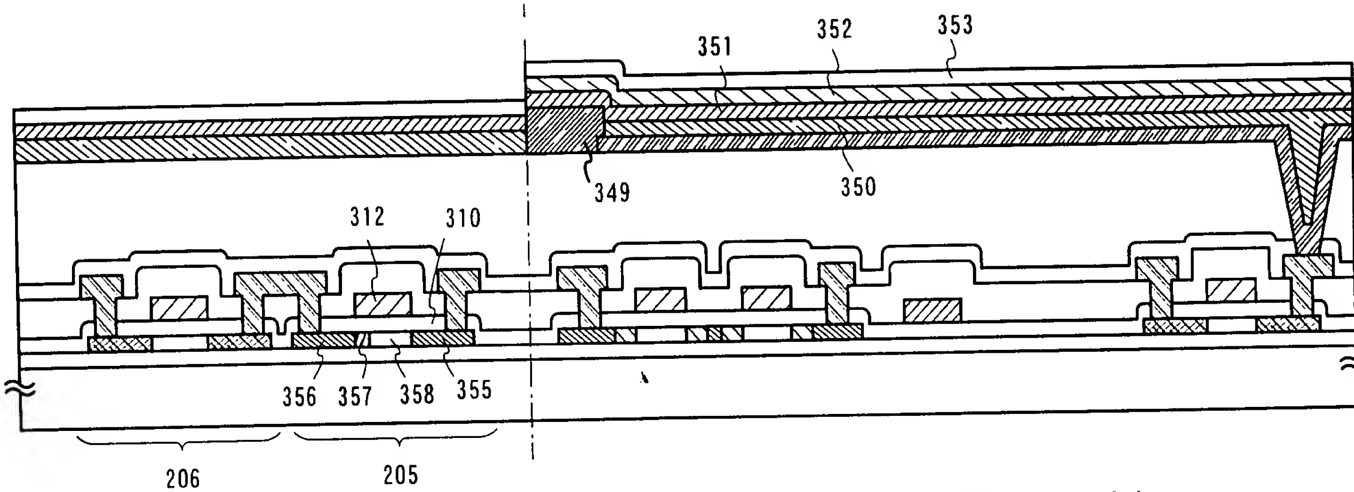
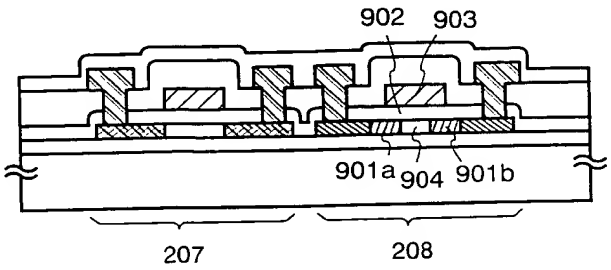


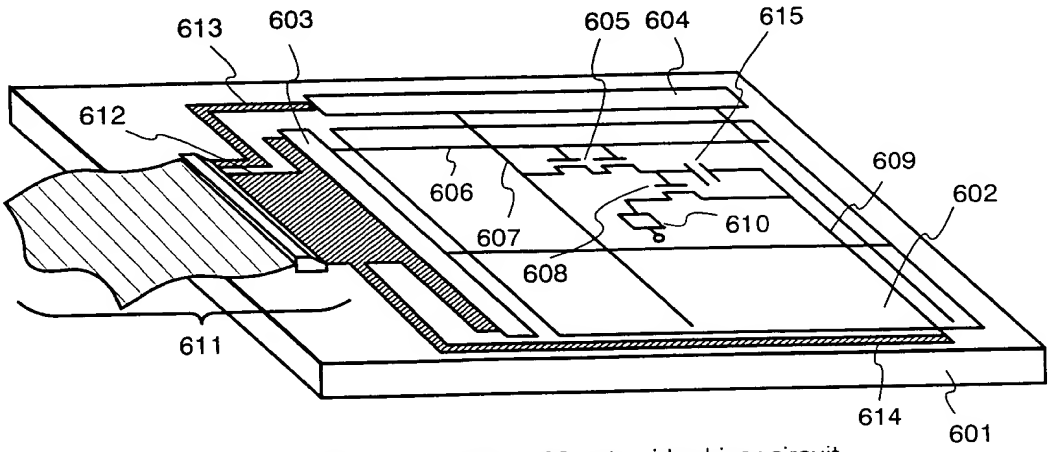
Fig. 6C



338:first interlayer insulating film 339-342:source wiring 343-345:drain wiring
346:first passivation film 347:second interlayer insulating film 348:pixel electrode
349:bank 350:EL layer 351:cathode 352:protecting electrode 353:second passivation film

Fig. 7





601:substrate 602:pixel portion 603:gate side driver circuit
604:source side driver circuit 605:switching TFT 606:gate wiring
607:source wiring 608:current control TFT 609:electric power supply
610:EL element 611:FPC 612-514:input/output terminal 615:capacitor

Fig. 8

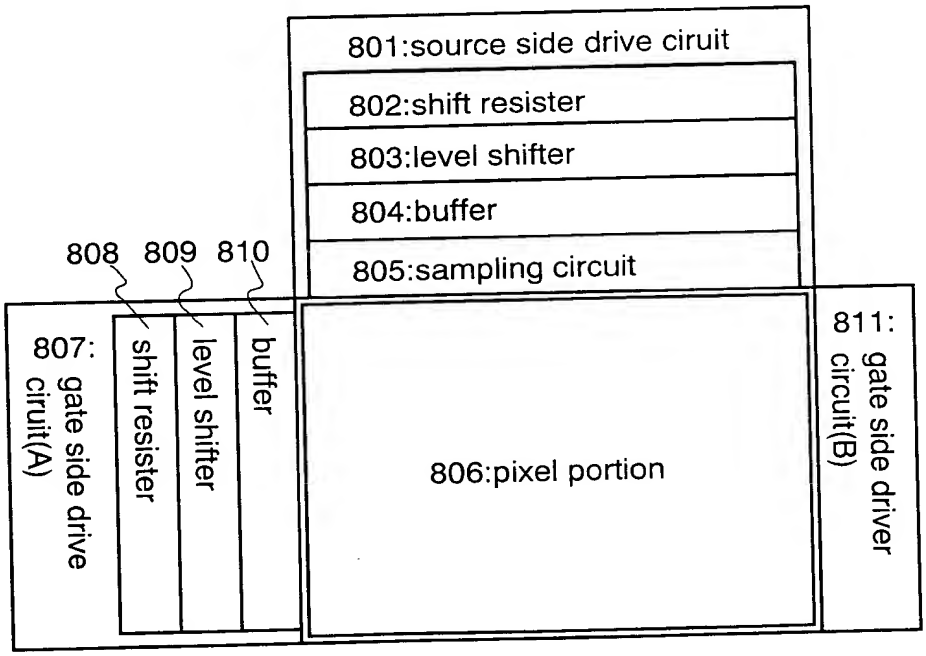


Fig. 9

Fig. 10A

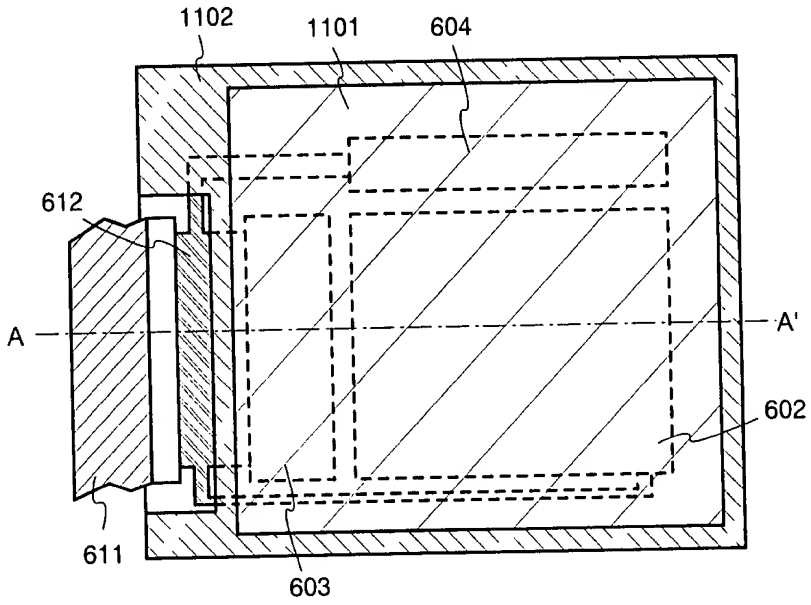
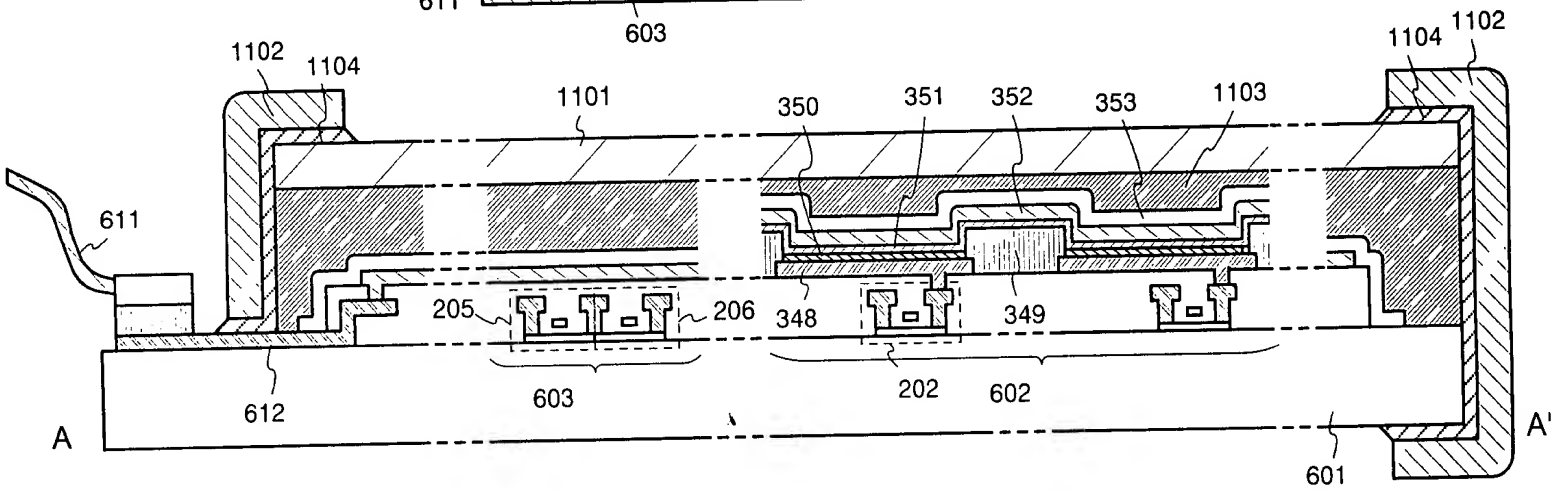


Fig. 10B



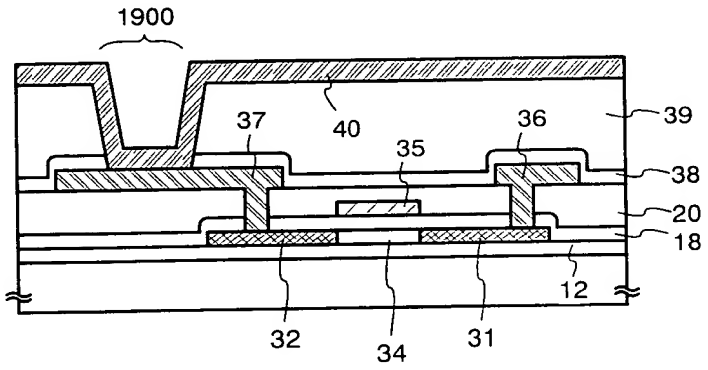


Fig. 11A

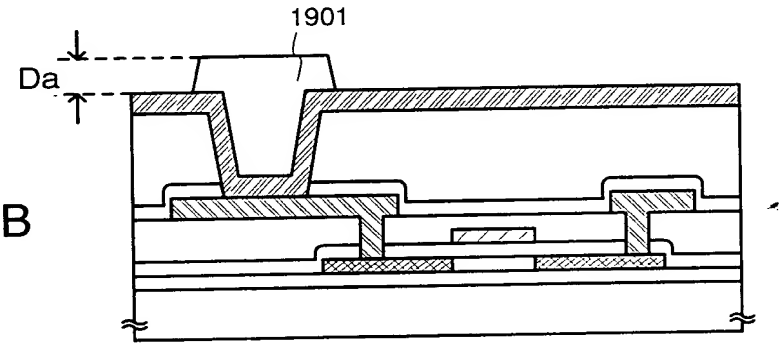


Fig. 11B

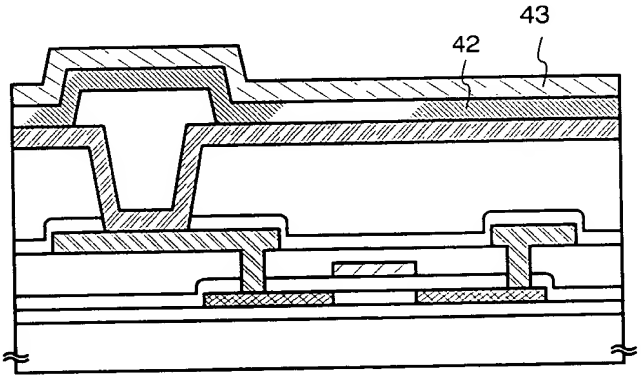
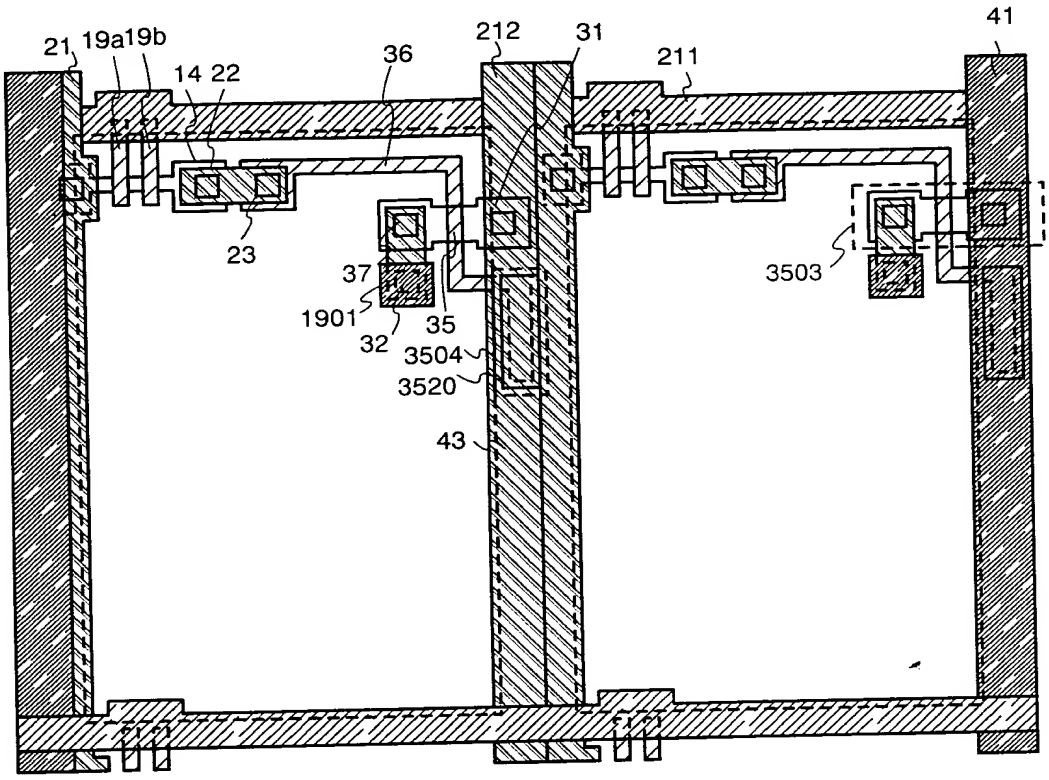


Fig. 11C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3503

Fig. 12

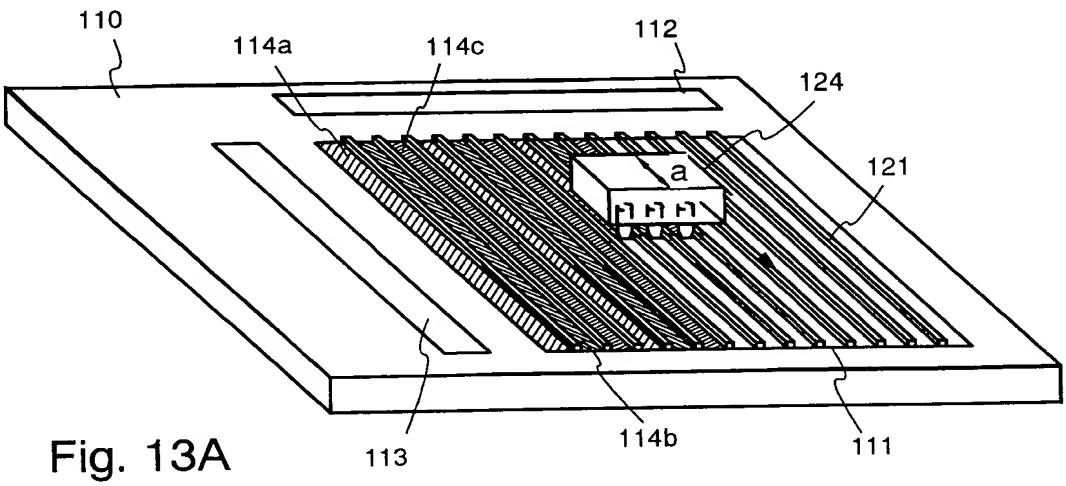


Fig. 13A

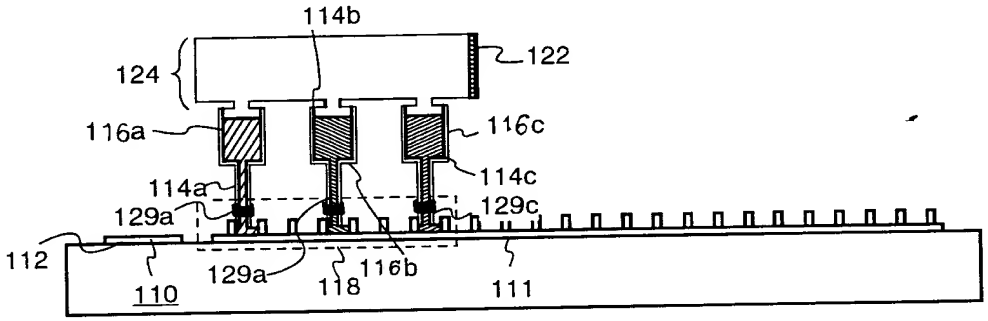


Fig. 13B

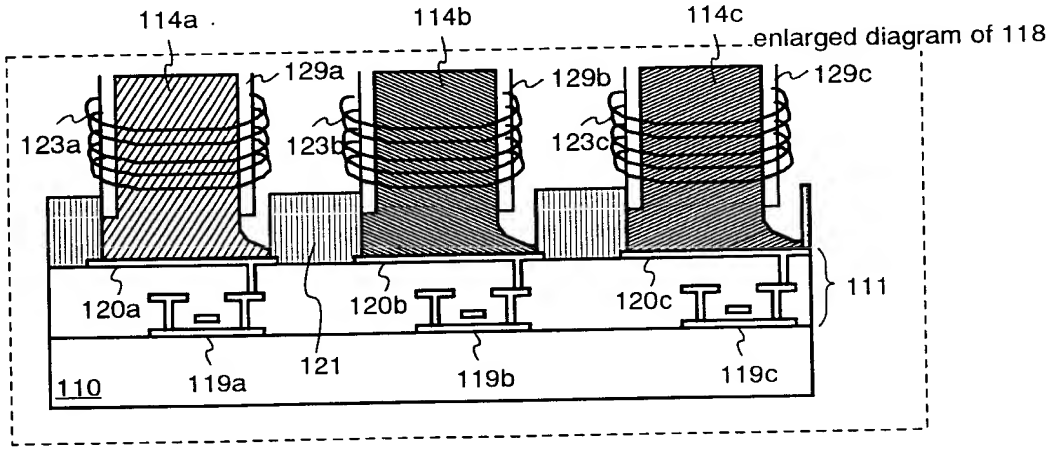


Fig. 13C

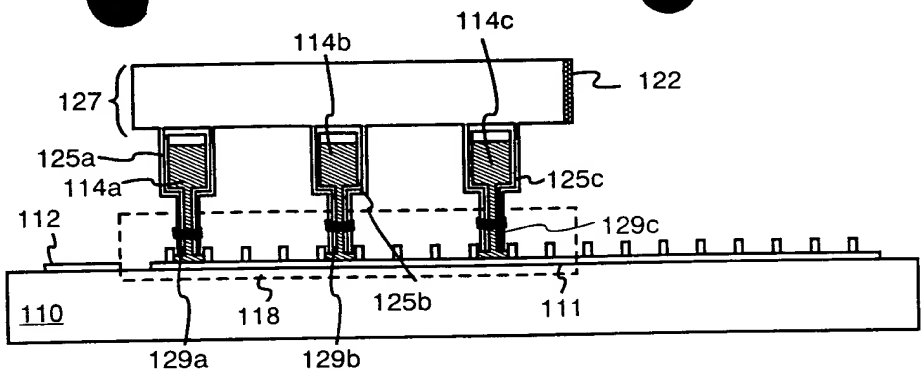


Fig. 14A

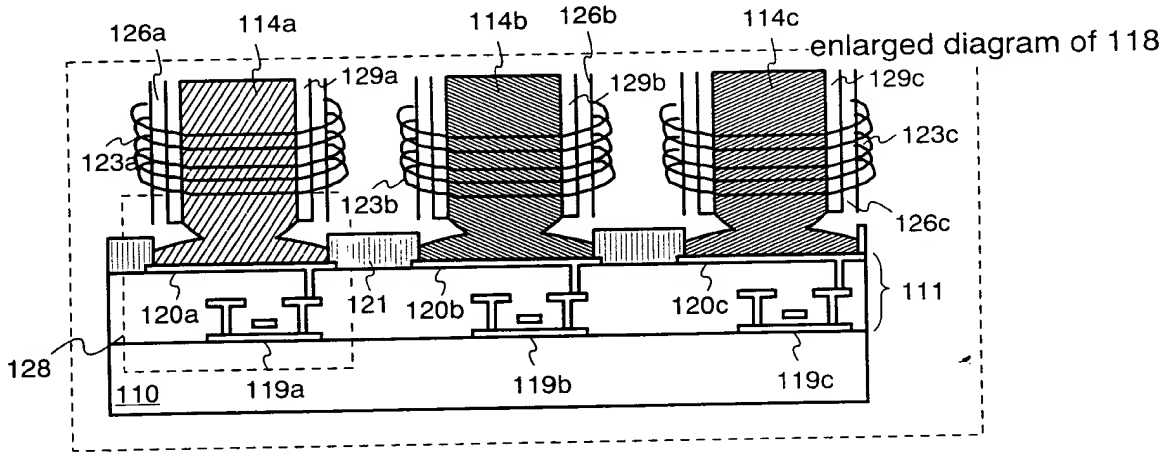


Fig. 14B

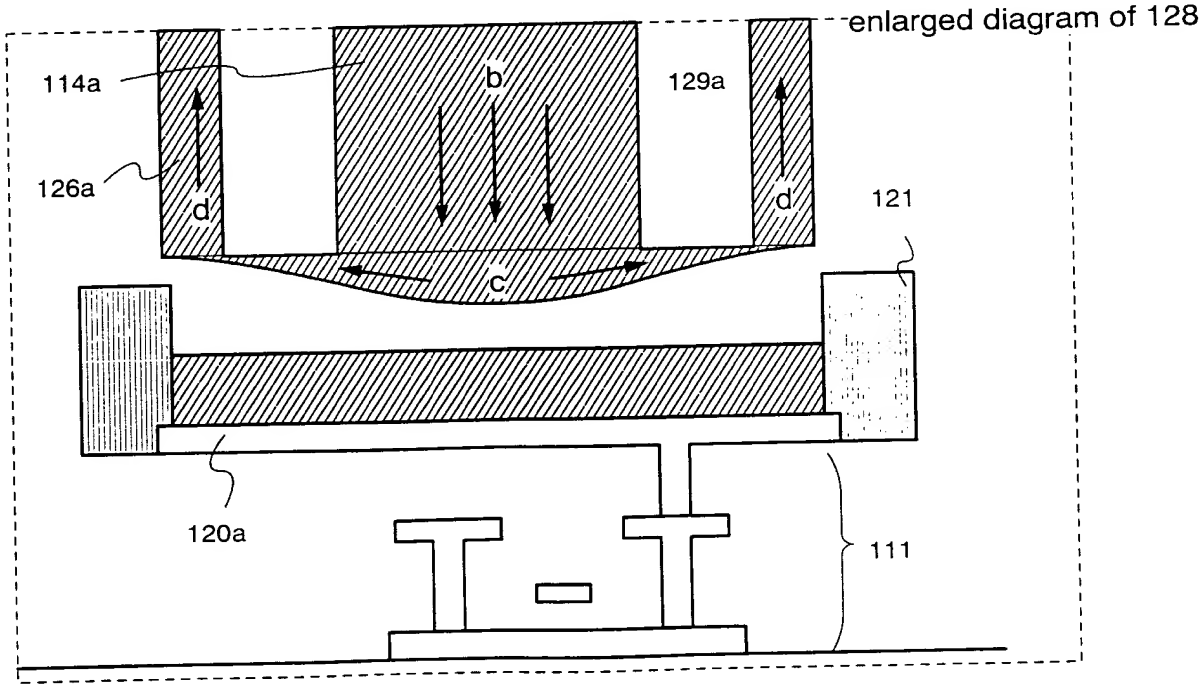


Fig. 14C

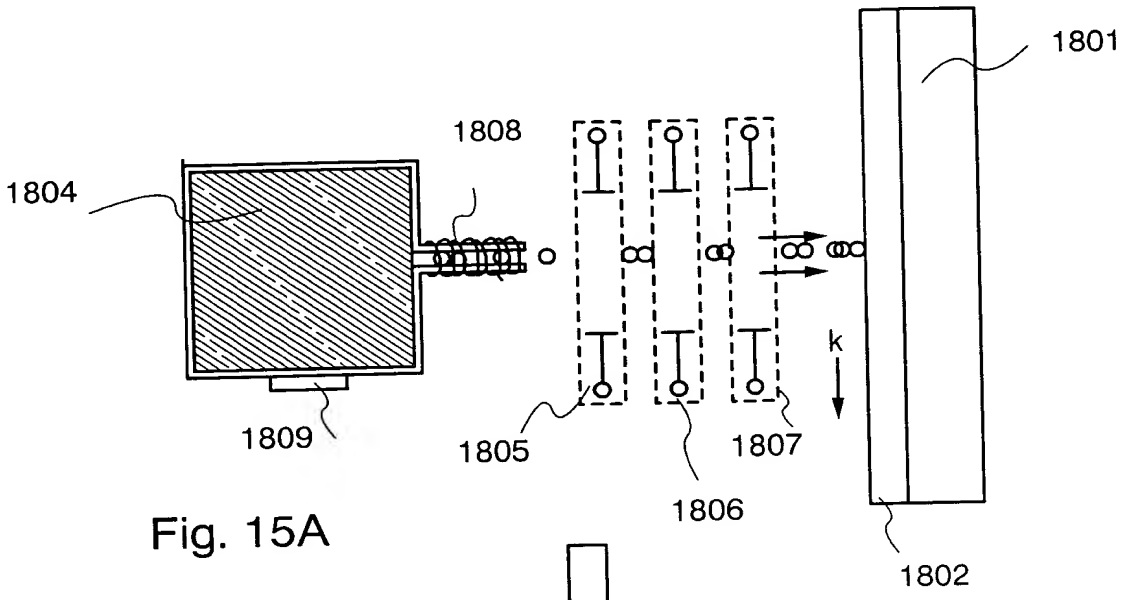


Fig. 15A

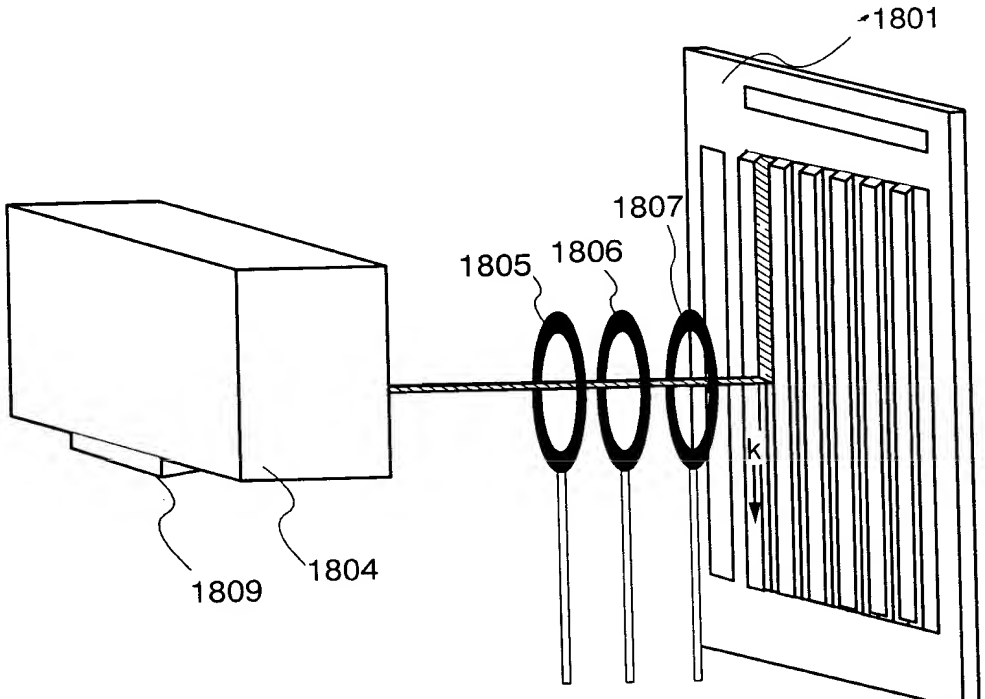


Fig. 15B

Fig. 16A

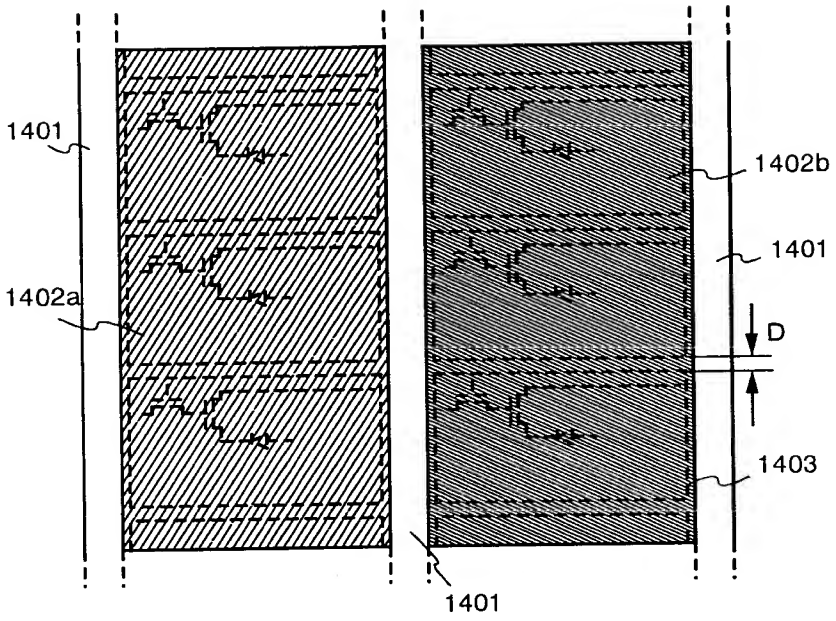
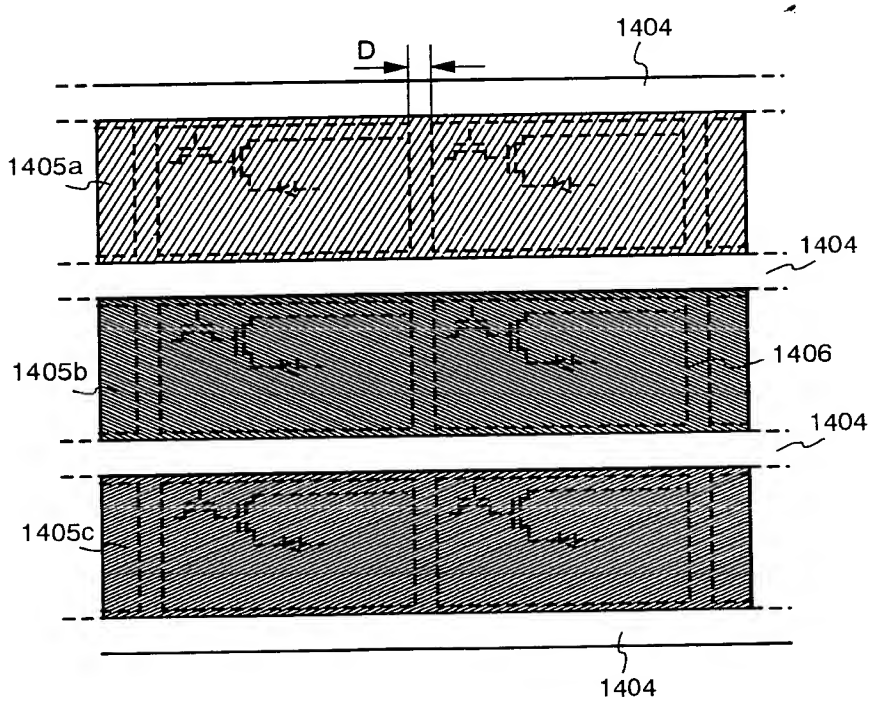


Fig. 16B



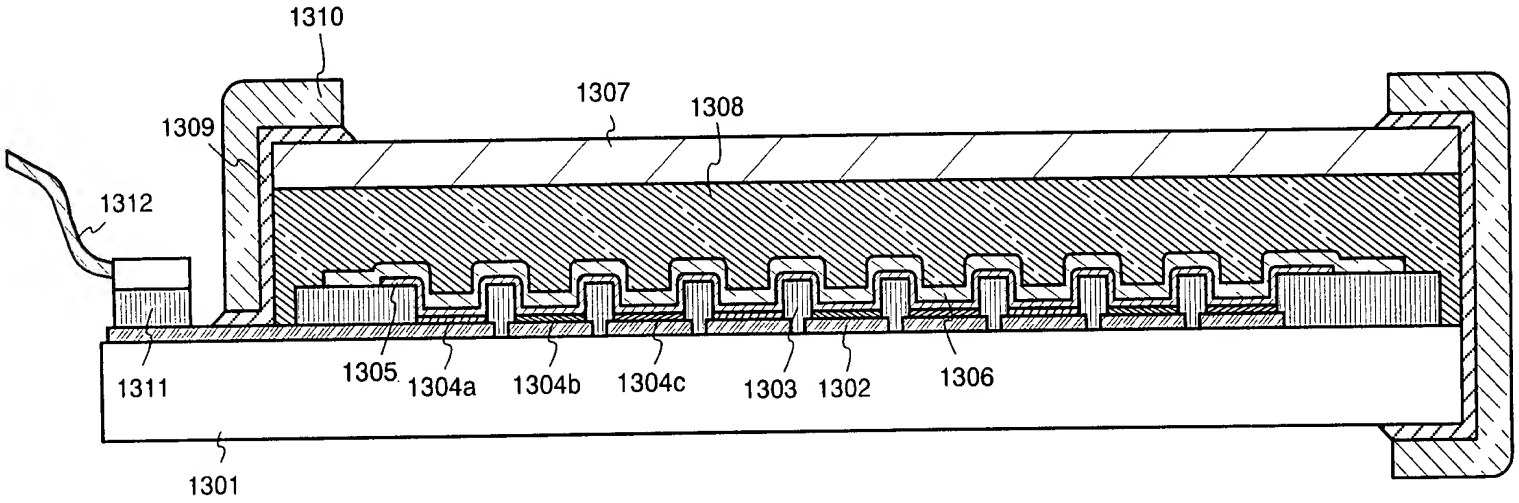


Fig. 17

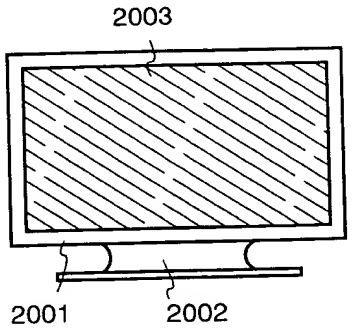


Fig. 18A

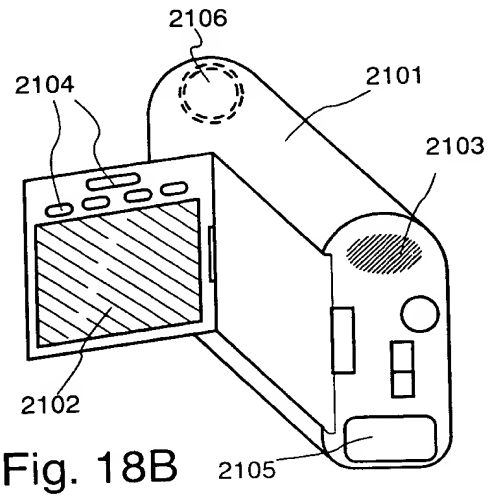


Fig. 18B

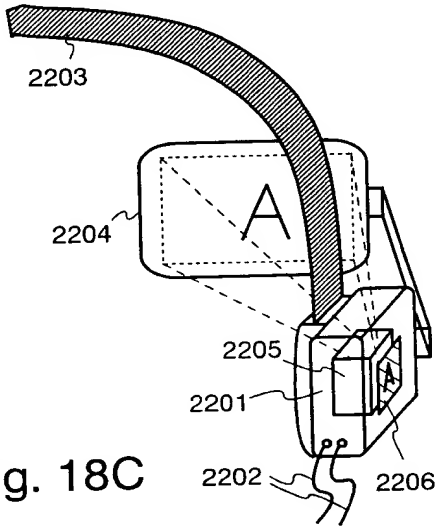


Fig. 18C

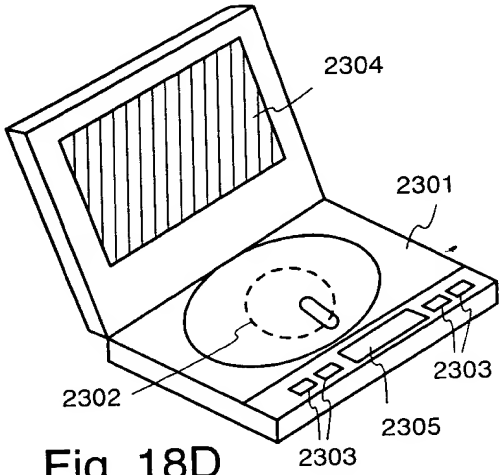


Fig. 18D

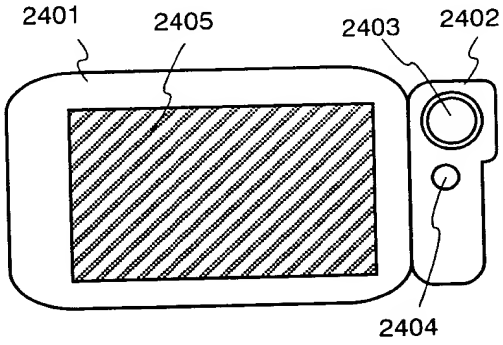


Fig. 18E

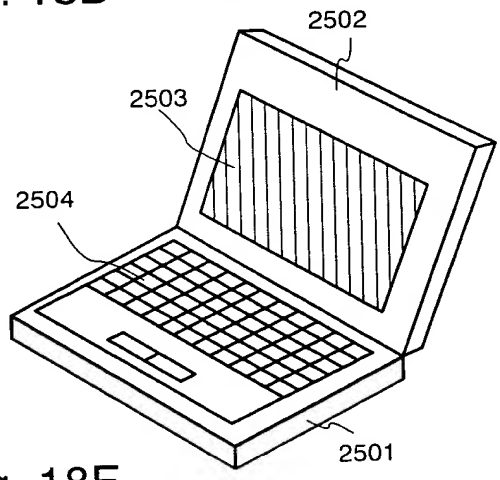


Fig. 18F

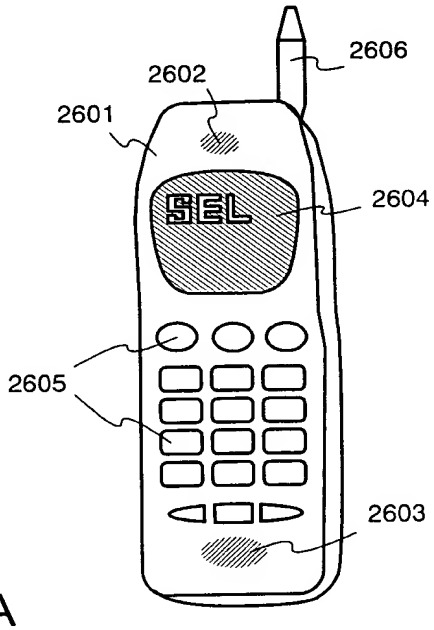


Fig. 19A

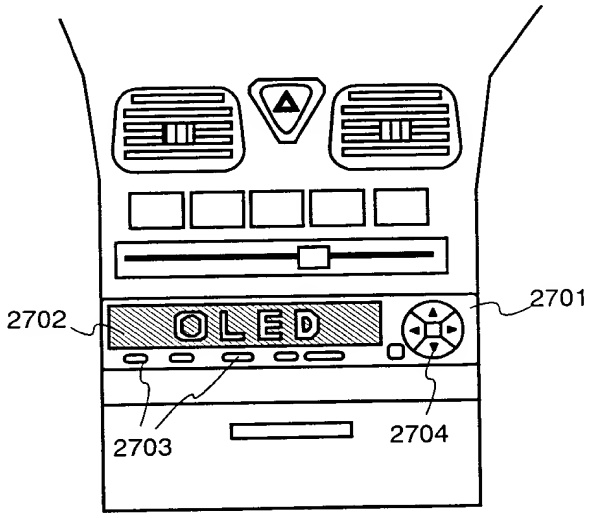


Fig. 19B

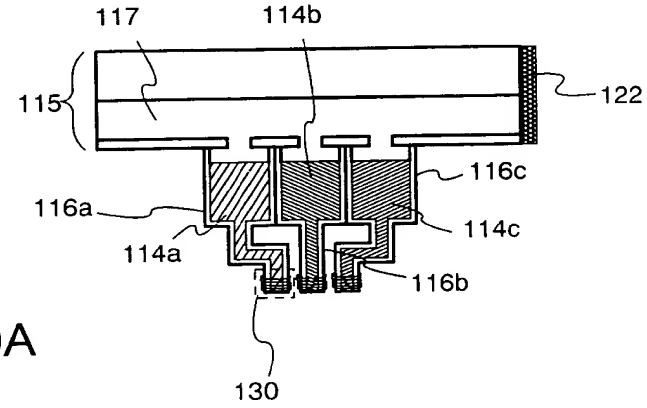


Fig. 20A

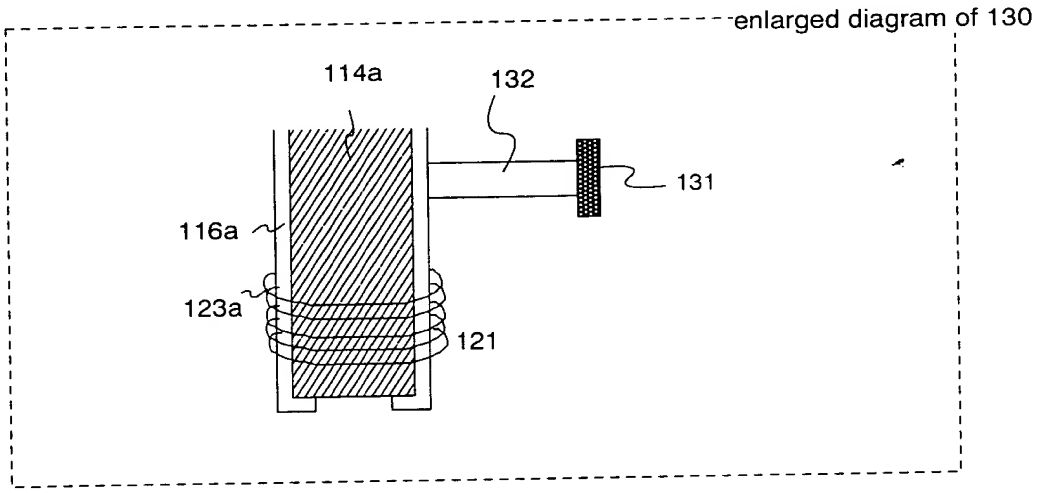


Fig. 20B